Section 1. Chemical product and supplier identification

Trade name H-Go -40 °C Windshield Washer

Synonymous Wiper fluid, washer fluid

Recommended use Enables clear windshield of salt, dirt, insects and dust, as well as snow in the winter.

Supplier Harnois Groupe pétrolier
80, Route 158
Saint-Thomas, QC, J0K 3L0
Canada
Tel: (800) 363-2712

Emergencies CANUTEC: (613) 996-6666

Section 2. Hazards identification

- Flammable liquids – Category 2
  - Flash point > 25 °C Setalash closed cup
- Acute toxicity – Oral – Category 3
- Serious eye damage/eye irritation – Category 2
- Reproductive toxicity – Category 1B
  - Toxic to the development
- Specific target organ toxicity – Single exposure – Category 2
- Specific target organ toxicity – Single exposure (narcotic effects) – Category 3 – Narcotic effect

WHMIS pictograms

DANGER
- Highly flammable liquid and vapour (H225)
- Toxic if swallowed (H301)
- Causes serious eye irritation (H319)
- May damage fertility or the unborn child (H360)
- May cause damage to organs (H371)
- May cause drowsiness or dizziness (H336)

Warning

Danger

NOTE!
Very toxic substance having immediate and serious effects.
Precaution: Avoid contact with eyes and skin. Also avoid inhalation and ingestion. Keep away from heat, hot surfaces, sparks, open flames and sources of ignition. Do not smoke, etc.

Intervention: SKIN CONTACT Immediately rinse the skin thoroughly and wash with mild soap. Cover the irritated skin with an emollient. EYE CONTACT Check whether the victim is wearing contact lenses and remove them if necessary. Rinse immediately with running water for at least 15 minutes, occasionally lifting the upper and lower lids. INHALATION Move the affected person outside. If the person is not breathing, breathing irregularly or is in respiratory arrest, a qualified person must perform artificial respiration or give oxygen. INGESTION Communicate IMMEDIATELY with a poison center, an emergency center or a physician. DO NOT make the person VOMIT.

Potential acute effects on health

Eyes
Eye irritant. Avoid contact with eyes.

Skin
Very hazardous in the event of contact with the skin as it absorbs the liquid.

Inhalation
Hazardous in the event of inhalation.

Ingestion
Extremely hazardous in the event of ingestion; immediate medical assistance is necessary.

Potential chronic effects on health

Chronic effects
Contains a substance likely to damage the target organ, according to data obtained on animals.

Carcinogenic effects
No known major effect or critical hazard.

Mutagenic effects
No known major effect or critical hazard.

Teratogenic effects
No known major effect or critical hazard.

Effects on fertility
Not available

Over-exposure — signs/symptoms

Inhalation
This liquid is very toxic when it is breathed into the lungs and this may cause very serious inflammation.

Ingestion
First symptoms of lack of coordination and dizziness may occur after ingestion of this product. This may be followed by headaches and even blindness and permanent neurological disorders.

Skin
Harmful symptoms may also include the following: skin irritation and redness.

Eyes
Harmful symptoms may also include the following: burning, stinging, irritation and redness of the eyes.

See Toxicological Information (section 11)
Section 3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS Number</th>
<th>% by weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methanol</td>
<td>67-56-1</td>
<td>45 – 50%</td>
</tr>
</tbody>
</table>

According to supplier's current knowledge, and in applicable concentrations, this product does not contain any additional ingredients considered hazardous to health or the environment and, consequently, that should be disclosed in this section.

Section 4. First aid measures

Contact with the eyes
Check whether the victim is wearing contact lenses and remove them if necessary. Rinse immediately with running water for at least 15 minutes, occasionally lifting the upper and lower lids. Consult a physician immediately.

Skin contact
In the event of contact, immediately rinse the skin thoroughly and wash with mild soap. Cover the irritated skin with an emollient. If the irritation persists, call a physician. Wash contaminated clothing before re-using.

Inhalation
Move the affected person outside. If the person is not breathing, breathing irregularly or is in respiratory arrest, a qualified person must perform artificial respiration or give oxygen. Loosen any tight clothing such as collar, tie or belt. Obtain medical care immediately.

Ingestion
Communicate IMMEDIATELY with a poison center, an emergency center or a physician. DO NOT make the person VOMIT.

Rescuer protection
Do not take any steps involving personal risk or if you have not received adequate training.

Note to the attending physician
All signs/symptoms involving the target organs mentioned in this data sheet may worsen in the event of over-exposure.
Section 5. Fire-fighting measures

Product flammability
Flammable

Extinguishing media
Use an extinguishing agent appropriate for the surrounding fires.

Combustion products
No specific data.

Flammable liquid, soluble liquid or dispersed in water.
- Small fire: Use DRY chemical powder.
- Large fire: Use an alcohol foam, water fog or steam. Cool the containers with a water jet to avoid overpressure, spontaneous combustion or explosion.

Firefighting apparatus and methods

Special personal protective equipment for the designated firefighting personnel
Firefighters must carry adequate protective equipment, as well as a self-contained breathing apparatus (SCBA) equipped with a full positive pressure mask.

Note on fire Hazard
High fire hazard. The closed cup flash point is 30 °C / 86 °F.

Note on the risks of explosion
Risk of the product exploding when subjected to mechanical shock: N/A
Risk of the product exploding when subjected to electrical discharges: N/A

Section 6. Accidental release measures

Individual precautions
Wear appropriate personal protective equipment (see Section 8).

Avoid the dispersion of spilled product, and its runoff and any contact with the soil, inland waterways, drains and sewers. Alert the competent authorities if the product has caused environmental pollution (sewers, inland waterways, soil or air).

Environmental precautions

Cleaning methods

Minor spill
Smaller spills can be collected or absorbed using a suitable absorbent material. Finish the cleaning by spreading water on the contaminated surface.

Product must be disposed of in accordance with local, regional or national legislation.

Flammable liquid.
Keep away from heat. Keep away from any source of ignition. Stop the leak if this does not present any risk. Absorb with soil, sand or another dry non-combustible matter. Notify the local authorities. Note: See Section 1 for information relating to emergencies and see Section 13 for waste disposal.

Major spill
Section 7. Handling and storage

Eating, drinking and smoking are prohibited in places where this product is handled, stored or processed. Employees should at all times wash their hands and face before eating, drinking or smoking. Before entering areas where food is eaten, it is imperative to remove any contaminated clothing and any personal protective equipment (PPE). Avoid any contact with the eyes, skin or clothing. Do not swallow. Avoid breathing the vapors or mist. Use only if ventilation is adequate. Ground this product's container.

Flammable materials should at all times be kept in a cabinet or a separate secure room. Keep away from any source of heat and ignition. Keep the container tightly closed. Store according to local regulations. Keep the product in the original container in a cool, dry and well-ventilated place, away from incompatible substances. A refrigerated room would be preferable for materials with a flash point below than 37 °C / 100 °F. Do not store the containers without labels.

Section 8. Exposure controls/personal protection

Technical measures

This product must be handled and used in closed containers and equipment. Good overall ventilation is necessary for its use.

Health measures

After handling chemicals, carefully wash your hands, forearms and face before eating, smoking, or going to the toilet and once your work is finished. Use suitable techniques to remove contaminated clothing. Wash contaminated clothing before re-using. Make certain that eye-wash stations and decontamination showers are installed close to work stations.

Individual protection

Eyes

Tight safety goggles to prevent chemical splashing or a face-protecting mask.

Respiratory

Carry a protective respiratory apparatus equipped with an air purifier or with air supply, adjusted perfectly and in conformity with current legislation, if risk assessment recommends it. The choice of protective respiratory apparatus must be based on the expected or known exposure levels.

Hands

Chemical-resistant rubber gloves must be worn.
<table>
<thead>
<tr>
<th>Personal protective equipment (PPE) (Icons)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Skin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overalls or an apron are necessary to minimize contact.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product name</th>
</tr>
</thead>
<tbody>
<tr>
<td>H-Go -40 °C Windshield Washer</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Exposure limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Check with local authorities to obtain the acceptable limits of exposure.</td>
</tr>
</tbody>
</table>
### Section 9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Physical and Chemical Properties</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Blue</td>
</tr>
<tr>
<td>Odor</td>
<td>Alcohol (weak)</td>
</tr>
<tr>
<td>Flash point</td>
<td>25 to 28 °C / 77 to 82.4 °F (closed cup)</td>
</tr>
<tr>
<td>Inflammability</td>
<td>NA</td>
</tr>
<tr>
<td>Lower flammability or explosive limit</td>
<td>6%</td>
</tr>
<tr>
<td>Upper flammability or explosive limit</td>
<td>36%</td>
</tr>
<tr>
<td>Spontaneous combustion temperature</td>
<td>385 °C / 725 °F</td>
</tr>
<tr>
<td>pH</td>
<td>8 to 11</td>
</tr>
<tr>
<td>Boiling point at 760 mmHg</td>
<td>NA</td>
</tr>
<tr>
<td>Freezing point</td>
<td>Weighted average water: -38.24 to -40 °C / -36.8 to -40 °F</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.90 to 0.97</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>&lt; 12.8 kPa (&lt; 96 mmHg)</td>
</tr>
<tr>
<td>Vapour density (air = 1)</td>
<td>&lt; 1.11</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>Readily soluble in cold and hot water.</td>
</tr>
<tr>
<td>Percentage of volatility</td>
<td>NA</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>NA</td>
</tr>
<tr>
<td>Sharing coefficient – n-octanol/water</td>
<td>NA</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>NA</td>
</tr>
<tr>
<td>Viscosity</td>
<td>NA</td>
</tr>
</tbody>
</table>
Section 10. Stability and reactivity

Product stability and reactivity  The product is stable. Keep away from heat, sparks and flame.
Risk of dangerous reactions Reactive with oxidizing agents, metals and acids.
Incompatibility with different substances MILDLY reactive or incompatible with the following materials: oxidizing materials, acids and alkalines.
Hazardous decomposition products Under normal conditions of storage and use, no hazardous decomposition product should appear.
Hazardous polymerization Under normal conditions of storage and use, no hazardous polymerization will occur.

Section 11. Toxicological information

Potential acute effects on health

Inhalation Hazardous in the event of inhalation. The vapors are moderately irritating to the respiratory tract.
Ingestion A single exposure to high levels can have immediate and serious effects on health.
Skin contact Very hazardous in the event of contact with the skin since the skin absorbs the liquid.
Contact with the eyes Eye irritant.
Chronic effects Contains a substance likely to damage the target organ, according to data obtained on animals.
Carcinogenic effects No known major effect or critical hazard.
Mutagenic effects No known major effect or critical hazard.
Teratogenic effects No known major effect or critical hazard.
Effects on fertility Not available.
<table>
<thead>
<tr>
<th>Name of the product or ingredient</th>
<th>Result</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methanol</td>
<td>Oral LD50</td>
<td>Rat</td>
<td>Acute: 5,600 mg/kg</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cutaneous LD50</td>
<td>Rabbit</td>
<td>Acute: 15,800 mg/kg</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LC50 vapor</td>
<td>Cat</td>
<td>Acute: 41,151.4 ppm</td>
<td>4 hours</td>
</tr>
</tbody>
</table>

**Section 12. Ecological information**

- Effects on the environment: No known major effect or critical hazard.
- Ecotoxicity in an aquatic environment: No known major effect or critical hazard.
- Biodegradability: Not available.
- Miscellaneous harmful effects: Not available.

**Section 13. Disposal considerations**

Waste disposal: Check with the managers of the local sewerage systems and federal, provincial and municipal bodies to determine the most appropriate means of disposing of the product.

Check with the local or regional authorities.

Refer to Section 7: HANDLING AND STORAGE and to Section 8: MONITORING EXPOSURE AND INDIVIDUAL PROTECTION for any additional information on handling and on protection of personnel.
Section 14. Transport information

<table>
<thead>
<tr>
<th>Regulatory information</th>
<th>UN number</th>
<th>Correct shipping name</th>
<th>Category</th>
<th>Packing group</th>
<th>Label</th>
<th>Other information</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT Classification</td>
<td>UN 1230</td>
<td>Methanol Solution</td>
<td>3 (6.1), flammable liquid and toxic</td>
<td>II</td>
<td></td>
<td>In containers of 5 litres (5 kg) or less, this product is classified as &quot;Consumer goods&quot; under DOT regulations.</td>
</tr>
<tr>
<td>TDG Classification</td>
<td>UN 1230 Guide 131</td>
<td>Methanol Solution</td>
<td>3 (6.1), flammable liquid and toxic</td>
<td>II</td>
<td></td>
<td>In containers of 450 L or less, this product conforms to the requirements of exemption under the terms of the special provisions of regulations on hazardous materials transport, 1.36b: category 3, flammable liquids, exemption for alcohols.</td>
</tr>
</tbody>
</table>

Section 15. Regulatory information

United States HCS Classification
Not regulated.

International regulations
Not regulated.

Canadian inventory
This product and/or all its components appear on the DSL (Domestic Substances List of Canada)

United States inventory (TSCA 8b)
This product and/or all its components appear on the list of inventory of the TSCA.
Section 16. Other information

National Fire Protection Association
(United States), NFPA Index

Hazardous Materials Systems
Identification, HMIS Index

<table>
<thead>
<tr>
<th>Health</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>3</td>
</tr>
<tr>
<td>Physical hazards</td>
<td>0</td>
</tr>
<tr>
<td>Personal Protection</td>
<td>B</td>
</tr>
</tbody>
</table>

DANGER
- Highly flammable liquid and vapour (H225)
- Toxic if swallowed (H301)
- Causes serious eye irritation (H319)
- May damage fertility or the unborn child (H360)
- May cause damage to organs (H371)
- May cause drowsiness or dizziness (H336)

Information to be put on the label

Issue date 2016.09.06

Notice
To our knowledge, the information contained in this Material Safety Data Sheet is accurate at the date of its publication. The supplier mentioned above cannot assume any liability whatsoever in regard to the accuracy or completeness of the information contained herein. This information is provided indicatively with regard to safety and applies only to the product and the uses indicated in the present Material Safety Data Sheet. This information does not necessarily apply to this product if it is associated with one or more other products, or if it is used for other purposes than those described here. The user is solely responsible for the final decision as to the appropriate use of any product. All products may present unknown hazards and must be used with care. Although certain hazards are described in this document, we cannot guarantee that there are no other hazards.
Section 1. Chemical product and supplier identification

Trade name          H-Go -45 °C Windshield Washer
Synonymous          Wiper fluid, washer fluid
Recommended use    Enables clear windshield of salt, dirt, insects and dust, as well as snow in the winter.
Supplier            Harnois Groupe pétrolier
                     80, Route 158
                     Saint-Thomas, QC, J0K 3L0
                     Canada
                     Tel: (800) 363-2712
Emergencies         CANUTEC: (613) 996-6666

Section 2. Hazards identification

Product classification

- Flammable liquids – Category 3
- Acute toxicity – Oral – Category 3
- Acute toxicity – Dermal – Category 3
- Acute toxicity – Inhalation – Category 3
- Serious eye damage/eye irritation – Category 2
- Specific target organ toxicity – Single exposure – Category 1

WHMIS pictograms

DANGER
- Highly flammable liquid and vapour (H225)
- Toxic if swallowed (H301)
- Toxic in contact with skin (H311)
- Toxic if inhaled (H331)
- Causes serious eye irritation (H319)
- Causes damage to organs (eyes) if swallowed (H370)
- May cause damage to organs (H371)
- May cause drowsiness or dizziness (H336)

Warning

Danger

NOTE!
Very toxic substance having immediate and serious effects.
Precaution: Avoid contact with eyes and skin. Also avoid inhalation and ingestion. Keep away from heat, hot surfaces, sparks, open flames and sources of ignition. Do not smoke, etc.

Intervention: SKIN CONTACT Immediately rinse the skin thoroughly and wash with mild soap. Cover the irritated skin with an emollient. EYE CONTACT Check whether the victim is wearing contact lenses and remove them if necessary. Rinse immediately with running water for at least 15 minutes, occasionally lifting the upper and lower lids. INHALATION Move the affected person outside. If the person is not breathing, breathing irregularly or is in respiratory arrest, a qualified person must perform artificial respiration or give oxygen. INGESTION Communicate IMMEDIATELY with a poison center, an emergency center or a physician. DO NOT make the person vomit.

Potential acute effects on health

Eyes
- Eye irritant. Avoid contact with eyes.

Skin
- Very hazardous in the event of contact with the skin as it absorbs the liquid.

Inhalation
- Hazardous in the event of inhalation.

Ingestion
- Extremely hazardous in the event of ingestion; immediate medical assistance is necessary.

Potential chronic effects on health

Chronic effects
- Contains a substance likely to damage the target organ, according to data obtained on animals.

Carcinogenic effects
- No known major effect or critical hazard.

Teratogenic effects
- No known major effect or critical hazard.

Over-exposure — signs/symptoms

Inhalation
- This liquid is very toxic when it is breathed into the lungs and this may cause very serious inflammation.

Ingestion
- First symptoms of lack of coordination and dizziness may occur after ingestion of this product. This may be followed by headaches and even blindness and permanent neurological disorders.

Skin
- Harmful symptoms may also include the following: skin irritation and redness.

Eyes
- Harmful symptoms may also include the following: burning, stinging, irritation and redness of the eyes.
See Toxicological Information (section 11)

Section 3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS Number</th>
<th>% by weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methanol</td>
<td>67-56-1</td>
<td>45 – 55%</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>57-63-0</td>
<td>&lt; 4%</td>
</tr>
</tbody>
</table>

According to supplier's current knowledge, and in applicable concentrations, this product does not contain any additional ingredients considered hazardous to health or the environment and, consequently, that should be disclosed in this section.

The specific chemical identity and/or exact percentage of composition (concentration) has been withheld as a trade secret.

Section 4. First aid measures

Contact with the eyes: Check whether the victim is wearing contact lenses and remove them if necessary. Rinse immediately with running water for at least 15 minutes, occasionally lifting the upper and lower lids. Consult a physician immediately.

Skin contact: In the event of contact, immediately rinse the skin thoroughly and wash with mild soap. Cover the irritated skin with an emollient. If the irritation persists, call a physician. Wash contaminated clothing before re-using.

Inhalation: Move the affected person outside. If the person is not breathing, breathing irregularly or is in respiratory arrest, a qualified person must perform artificial respiration or give oxygen. Loosen any tight clothing such as collar, tie or belt. Obtain medical care immediately.

Ingestion: Communicate IMMEDIATELY with a poison center, an emergency center or a physician. DO NOT make the person VOMIT.

Rescuer protection: Do not take any steps involving personal risk or if you have not received adequate training.

Note to the attending physician: All signs/symptoms involving the target organs mentioned in this data sheet may worsen in the event of over-exposure.
Section 5. Fire-fighting measures

Product flammability  
Flammable

Extinguishing media  
Use an extinguishing agent appropriate for the surrounding fires.

Combustion products  
No specific data.

Combustion products  
Flammable liquid, soluble liquid or dispersed in water.

Firefighting apparatus and methods  
Small fire: Use DRY chemical powder.
Large fire: Use an alcohol foam, water fog or steam. Cool the containers with a water jet to avoid overpressure, spontaneous combustion or explosion.

Special personal protective equipment for the designated firefighting personnel  
Firefighters must carry adequate protective equipment, as well as a self-contained breathing apparatus (SCBA) equipped with a full positive pressure mask.

Note on fire Hazard  
High fire hazard.

Note on the risks of explosion  
Risk of the product exploding when subjected to mechanical shock: N/A
Risk of the product exploding when subjected to electrical discharges: N/A

Section 6. Accidental release measures

Individual precautions  
Wear appropriate personal protective equipment (see Section 8).

Environmental precautions  
Avoid the dispersion of spilled product, and its runoff and any contact with the soil, inland waterways, drains and sewers. Alert the competent authorities if the product has caused environmental pollution (sewers, inland waterways, soil or air).

Cleaning methods  
Smaller spills can be collected or absorbed using a suitable absorbent material. Finish the cleaning by spreading water on the contaminated surface.

Minor spill  
Product must be disposed of in accordance with local, regional or national legislation.

Flammable liquid.
Keep away from heat. Keep away from any source of ignition. Stop the leak if this does not present any risk. Absorb with soil, sand or another dry non-combustible matter. Notify the local authorities. Note: See Section 1 for information relating to emergencies and see Section 13 for waste disposal.
Section 7. Handling and storage

Eating, drinking and smoking are prohibited in places where this product is handled, stored or processed. Employees should at all times wash their hands and face before eating, drinking or smoking. Before entering areas where food is eaten, it is imperative to remove any contaminated clothing and any personal protective equipment (PPE). Avoid any contact with the eyes, skin or clothing. Do not swallow. Avoid breathing the vapors or mist. Use only if ventilation is adequate. Ground this product's container.

Flammable materials should at all times be kept in a cabinet or a separate secure room. Keep away from any source of heat and ignition. Keep the container tightly closed. Store according to local regulations. Keep the product in the original container in a cool, dry and well-ventilated place, away from incompatible substances. A refrigerated room would be preferable for materials with a flash point below than 37 °C / 100 °F. Do not store the containers without labels.

Section 8. Exposure controls/personal protection

Technical measures

This product must be handled and used in closed containers and equipment. Good overall ventilation is necessary for its use.

After handling chemicals, carefully wash your hands, forearms and face before eating, smoking, or going to the toilet and once your work is finished. Use suitable techniques to remove contaminated clothing. Wash contaminated clothing before re-using. Make certain that eye-wash stations and decontamination showers are installed close to work stations.

Health measures

Individual protection

Eyes

Tight safety goggles to prevent chemical splashing or a face-protecting mask.

Respiratory

Carry a protective respiratory apparatus equipped with an air purifier or with air supply, adjusted perfectly and in conformity with current legislation, if risk assessment recommends it. The choice of protective respiratory apparatus must be based on the expected or known exposure levels.

Hands

Chemical-resistant rubber gloves must be worn.
Skin

Overalls or an apron are necessary to minimize contact.

Personal protective equipment (PPE) (Icons)

Product name

H-Go -45 ºC Windshield Washer

Exposure limits

Check with local authorities to obtain the acceptable limits of exposure.

Section 9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Physical and Chemical Properties</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Purple</td>
</tr>
<tr>
<td>Odor</td>
<td>Alcohol (weak)</td>
</tr>
<tr>
<td>Flash point</td>
<td>25 to 30 ºC / 77 to 86 ºF (closed cup)</td>
</tr>
<tr>
<td>Inflammability</td>
<td>NA</td>
</tr>
<tr>
<td>Lower flammability or explosive limit</td>
<td>NA</td>
</tr>
<tr>
<td>Upper flammability or explosive limit</td>
<td>NA</td>
</tr>
<tr>
<td>Spontaneous combustion temperature</td>
<td>NA</td>
</tr>
<tr>
<td>pH</td>
<td>8 to 11</td>
</tr>
<tr>
<td>Boiling point at 760 mmHg</td>
<td>NA</td>
</tr>
<tr>
<td>Freezing point</td>
<td>Weighted average water: -40 to -45 ºC / -40 to -49 ºF</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.90 - 0.97 at 20 ºC</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>&lt; 12.8 kPa (&lt; 96 mmHg)</td>
</tr>
<tr>
<td>Vapour density (air = 1)</td>
<td>&lt; 1.11</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>Readily soluble in cold and hot water.</td>
</tr>
</tbody>
</table>
Section 10. Stability and reactivity

Product stability and reactivity
The product is stable.

Conditions to Avoid
Heat. Open flames, sparks, static discharge, heat and other ignition sources.

Risk of dangerous reactions
None known

Incompatibility with different substances
Mildly reactive or incompatible with the following materials: oxidizing materials, acids and alkalines.

Hazardous decomposition products
Very toxic carbon monoxide, carbon dioxide; very toxic, flammable formaldehyde. Under normal conditions of storage and use, no hazardous decomposition product should appear.

Hazardous polymerization
Under normal conditions of storage and use, no hazardous polymerization will occur.

Section 11. Toxicological information

<table>
<thead>
<tr>
<th>Name of the product or ingredient</th>
<th>Result</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methanol</td>
<td>Oral LD50</td>
<td>Rat</td>
<td>Acute: 5,600 mg/kg</td>
<td>---------</td>
</tr>
<tr>
<td></td>
<td>Cutaneous LD50</td>
<td>Rabbit</td>
<td>Acute: 15,800 mg/kg</td>
<td>---------</td>
</tr>
<tr>
<td></td>
<td>LC50 vapor</td>
<td>Cat</td>
<td>Acute: 41,151.4 ppm</td>
<td>4 hours</td>
</tr>
</tbody>
</table>

Potential acute effects on health

Inhalation
Hazardous in the event of inhalation. The vapors are moderately irritating to the respiratory tract.

Ingestion
A single exposure to high levels can have immediate and serious effects on health.
Skin contact
Hazardous in the event of contact with the skin since the skin absorbs the liquid.

Contact with the eyes
Eye irritant.

Chronic effects
Contains a substance likely to damage the target organ, according to data obtained on animals.

Carcinogenic effects
No known major effect or critical hazard.

Mutagenic effects
No known major effect or critical hazard.

Teratogenic effects
No known major effect or critical hazard.

Effects on fertility
Not available.

Section 12. Ecological information
Effects on the environment
No known major effect or critical hazard.

Ecotoxicity in an aquatic environment
No known major effect or critical hazard.

Biodegradability
Not available.

Miscellaneous harmful effects
Not available.

Section 13. Disposal considerations
Waste disposal
Check with the managers of the local sewerage systems and federal, provincial and municipal bodies to determine the most appropriate means of disposing of the product.

Check with the local or regional authorities.

Refer to Section 7: HANDLING AND STORAGE and to Section 8: MONITORING EXPOSURE AND INDIVIDUAL PROTECTION for any additional information on handling and on protection of personnel.
Section 14. Transport information

<table>
<thead>
<tr>
<th>Regulatory information</th>
<th>UN number</th>
<th>Correct shipping name</th>
<th>Category</th>
<th>Packing group</th>
<th>Label</th>
<th>Other information</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT Classification</td>
<td>UN 1987</td>
<td>Alcohols, N.O.S. (methanol)</td>
<td>3 Flammable liquid</td>
<td>III</td>
<td>-------</td>
<td>In containers of 5 litres (5 kg) or less, this product is classified as “Consumer goods” under DOT regulations.</td>
</tr>
<tr>
<td>TDG Classification</td>
<td>UN 1987</td>
<td>Alcohols, N.O.S. (methanol)</td>
<td>3 Flammable liquid</td>
<td>III</td>
<td>-------</td>
<td>In containers of 5 L or less, this product conforms to the requirements of exemption under the terms of the special provisions of regulations on hazardous materials transport, 1.17 Limited Quantities Exemption.</td>
</tr>
</tbody>
</table>

Section 15. Regulatory information

- United States HCS Classification: Not regulated.
- International regulations: Not regulated.
- Canadian inventory: This product and/or all its components appear on the DSL (Domestic Substances List of Canada).
- United States inventory (TSCA 8b): This product and/or all its components appear on the list of inventory of the TSCA.

Section 16. Other information

National Fire Protection Association (United States), NFPA Index: Health 2, Flammability 3, Instability 0, Special.
Material Safety Data Sheet

Hazardous Materials Systems Identification, HMIS Index

<table>
<thead>
<tr>
<th>Health</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>3</td>
</tr>
<tr>
<td>Physical hazards</td>
<td>0</td>
</tr>
<tr>
<td>Personal Protection</td>
<td>B</td>
</tr>
</tbody>
</table>

DANGER
- Highly flammable liquid and vapour (H225)
- Toxic if swallowed (H301)
- Causes serious eye irritation (H319)
- May damage fertility or the unborn child (H360)
- May cause damage to organs (H371)
- May cause drowsiness or dizziness (H336)

Information to be put on the label

Issue date 26.01.2017

Notice
To our knowledge, the information contained in this Material Safety Data Sheet is accurate at the date of its publication. The supplier mentioned above cannot assume any liability whatsoever in regard to the accuracy or completeness of the information contained herein. This information is provided indicatively with regard to safety and applies only to the product and the uses indicated in the present Material Safety Data Sheet. This information does not necessarily apply to this product if it is associated with one or more other products, or if it is used for other purposes than those described here. The user is solely responsible for the final decision as to the appropriate use of any product. All products may present unknown hazards and must be used with care. Although certain hazards are described in this document, we cannot guarantee that there are no other hazards.